|  |   |   |                    |                                       |                             |  | Application or Docket Number |                |  |              |                         |                        |
|--|---|---|--------------------|---------------------------------------|-----------------------------|--|------------------------------|----------------|--|--------------|-------------------------|------------------------|
|  | PATENT /                                  | APPLICATIO<br>Effect                      | N FEE DE           |                                       |                             | ON RECOI   | RD                           |                | 08/1   | 40           | 5901                    | <u></u>                |
| CLAIMS AS FILED - PART I (Column 1) (Column 2) |   |   |                    |                                       |                             |  |                              | MALL E         | NTMY   | OR           | OTHER THAN SMALL ENTITY |                        |
| TC   | OTAL CLAIMS                               |   |                    |                                       |                             | de la companya de la | Γ                            | RATE           | FEE  | ] .          | RATE                    | FEE                    |
| FOR  |   |   | NUMBER I           | FILED                                 | NUMB                        | NUMBER EXTRA   |                              | ASIC FEE       |  | OR           | BASIC FEE               | 710                    |
| TOTAL CHARGEABLE CLAIMS                        |   |   | // min             | nus 20=                               | *                           |  |                              | X\$ 9=         |  | OR           | X\$18=                  |                        |
| INDEPENDENT CLAIMS                             |   |   | 2 mi               | nus 3 =                               | *                           |  |                              | X40=           | 1  | OR           | X80=                    |                        |
| MU   | LTIPLE DEPEN                              | IDENT CLAIM PE                            | PRESENT            |                                       |                             |  |                              |                |  | 1 1          | +270=                   |                        |
| * If   | the difference                            | in column 1 is                            | less than ze       | less than zero, enter "0" in column 2 |                             |  |                              | +135=<br>TOTAL | <del>                                     </del> | OR           | L                       | 1111                   |
| •  |   | LAIMS AS A                                |                    | ·                                     |                             |  |                              | IOIAL          | · <b>L</b>                                       | OR           | OTHER                   | THAN                   |
|  |   | (Column 1)                                |                    | (Colur                                | mn 2)                       | (Column 3)   | ٤                            | 3MALL          | ENTITY   | OR           | SMALL E                 |                        |
| AMENDMENT A                                    |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                    | HIGH<br>NUM<br>PREVIO<br>PAID         | HEST<br>IBER<br>OUSLY       | PRESENT<br>EXTRA   |                              | RATE           | ADDI-<br>TIONAL<br>FEE                           |              | RATE                    | ADDI-<br>TIONAL<br>FEE |
| MON  | Total                                     | *   | Minus              | **                                    |                             | =  |                              | X\$ 9=         |  | OR           | X\$18=                  |                        |
| 4ME  | Independent                               | *   | Minus              | ***                                   |                             | =  |                              | X40=           |  | OR           | X80=                    |                        |
| Ĺ  | FIRST PRESE                               | NTATION OF MU                             | ULTIPLE DEI        | PENDEN.                               | T CLAIM                     |  |                              | +135=          |  |              | +270=                   |                        |
|  |   |   |                    |                                       |                             | *  | L                            | TOTAL          |  | OR<br>OR     | TOTAL                   |                        |
|  |   | (Column 1)                                |                    | (Colur                                | mn 2\                       | (Column 3)   | AD                           | DIT. FEE       |  | JOR ,        | ADDIT. FEE              |                        |
| OMENT B  |   | CLAIMS REMAINING AFTER AMENDMENT          |                    | HIGH<br>NUM<br>PREVIO<br>PAID         | HEST<br>IBER<br>OUSLY       | PRESENT<br>EXTRA   |                              | RATE           | ADDI-<br>TIONAL<br>FEE                           |              | RATE                    | ADDI-<br>TIONAL<br>FEE |
| M<br>Q   | Total                                     | *   | Minus              | **                                    |                             | = · ·  | <b>1</b>                     | X\$ 9=         |  | OR           | X\$18=                  |                        |
| AMEND  | Independent                               | *   | Minus              | ***                                   |                             | =  | 1                            | X40=           |  | OR           | X80=                    |                        |
|  | FIRST PRESE                               | NTATION OF MU                             | ULTIPLE DEF        | PENDEN                                | CLAIM                       |  | ▎├                           | <del></del>    |  | 1            | +270=                   |                        |
|  |   |   | •                  |                                       |                             |  | L                            | +135=<br>TOTAL |  | OR           | +270=<br>TOTAL          |                        |
|  |   | 10.1                                      |                    |                                       |                             | <i>(</i> C :   | , AD                         | DIT. FEE       |  | OR           | ADDIT. FEE              |                        |
|  |   | (Column 1)<br>CLAIMS                      | Name of the second | (Colur<br>HIGH                        | HEST                        | (Column 3)   | ۱ –                          | ,              | VDD,   | ן י          |                         | ADD                    |
| AMENDMENT C                                    |   | REMAINING<br>AFTER<br>AMENDMENT           |                    | NUM                                   | IBER<br>OUSLY               | PRESENT<br>EXTRA   |                              | RATE           | ADDI-<br>TIONAL<br>FEE                           |              | RATE                    | ADDI-<br>TIONAL<br>FEE |
| NDN  | Total                                     | *   | Minus              | **                                    |                             | =  | <b>    </b>                  | X\$ 9=         |  | ΟR           | X\$18=                  |                        |
| AME  | Independent                               | *   | Minus              | ***                                   | -,                          | =  | 1                            | X40=           |  | OR           | X80=                    |                        |
|  | HIRST PRESE                               | NTATION OF MI                             | ULTIPLE DEI        | PENDEN                                | I-CLAIM                     |  | <b>!</b>                     |                | 1778   | 1 .          |                         |                        |
|  |   | mn 1,15 less than th                      |                    |                                       |                             |  | L                            | +135=<br>TOTAL |  | OR           | +270=<br>TOTAL          | 1                      |
| ***  | If the "Highest Nur<br>If the "Highest Nu | mber Previously Pa<br>Imber Previously Pa | aid For" IN THI    | S SPACE I                             | is less that<br>is less tha | n 20, enter "20."<br>in 3, enter "3."  | ישר                          | DIT. FEE       | AND THE RESERVE                                  | and the same | ADDIT FEE               | 10 Jings               |
|  | The "Highest Nun                          | nber Previously Pal                       | id For (Total o    | r Independ                            | lent) is the                | highest numbe  | r found                      | l in the ap    | propriate bo.                                    | x in col     | lumn 1 🏄 😘              | · 25.5                 |

Application or Docket Number

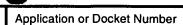
## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

|  |   | CLAIMS AS                                 | S FILED - PART I<br>(Column 1)    |                              | (Column 2)                                   |                                      |       | SMALL ENTITY TYPE   |                        | OR       | OTHER<br>SMALL I    |                        |
|--|---|---|-----------------------------------|------------------------------|--|--------------------------------------|-------|---------------------|------------------------|----------|---------------------|------------------------|
| TC   | TAL CLAIMS                                |   |                                   | !                            |  |                                      |       | RATE                | FEE                    | 1 1      | RATE                | FEE                    |
| FC   | PR  |   | NUMBER                            | FILED                        | NUMB   | ER EXTRA                             |       | BASIC FEE           | 370.00                 | OR       | BASIC FEE           | 740.00                 |
| TC   | TAL CHARGEA                               | BLE CLAIMS                                | minus 20=                         |                              | *  |                                      |       | X\$ 9=              |                        | OR       | X\$18=              |                        |
| INE  | EPENDENT CL                               | ÄIMS                                      | minus 3 =                         |                              | *  |                                      |       | X42=                |                        | OR       | X84=                |                        |
| ML   | ILTIPLE DEPEN                             | IDENT CLAIM P                             | RESENT                            |                              | •  |                                      |       | +140=               |                        |          | +280=               |                        |
| * If the difference in column 1 is less than zero, |   |   |                                   |                              | r "0" in c                                   | olumn 2                              |       | TOTAL               |                        | OR<br>OR | TOTAL               |                        |
|  | C   | LAIMS AS A                                | MENDED                            | MENDED - PART II             |  |                                      |       | TOTAL               |                        |          | OTHER               | THAN                   |
|  |   | (Column 1)                                |                                   | (Colu                        | mn 2)  | (Column 3)                           |       | SMALL               | ENTITY                 | OR       | SMALL               | ENTITY                 |
| AMENDMENT A  |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                                   | HIGH<br>NUM<br>PREVI<br>PAID | IBER<br>OUSLY                                | PRESENT<br>EXTRA                     |       | RATE                | ADDI-<br>TIONAL<br>FEE |          | RATE                | ADDI-<br>TIONAL<br>FEE |
| NDW  | Total                                     | *10                                       | Minus                             | 20                           | 7  | =                                    |       | X\$ 9=              |                        | OR       | X\$18=              |                        |
| ME   | Independent                               | * 2                                       | Minus                             | ***                          | <u>3                                    </u> | =                                    | -     | X42=                |                        | OR       | X84=                |                        |
|  | FIRST PRESE                               | NTATION OF M                              | ULTIPLE DEI                       | PENDEN                       | T CLAIM                                      |                                      | j     | +140=               |                        | OR       | +280=               |                        |
|  |   |   | •                                 |                              |  |                                      |       | TOTAL               |                        |          | TOTAL               |                        |
|  |   | (Column 1)                                | :                                 | (Colu                        | mn 2)  | (Column 3)                           |       | ADDIT. FEE          |                        | lon.     | ADDIT. FEE          |                        |
| ENT B  | :   | CLAIMS REMAINING AFTER AMENDMENT          |                                   | HIGH<br>NUM<br>PREVI         | HEST   | PRESENT<br>EXTRA                     |       | RATE                | ADDI-<br>TIONAL<br>FEE |          | RATE                | ADDI-<br>TIONAL<br>FEE |
| MON  | Total                                     | *   | Minus                             | **                           |  | =                                    |       | X\$ 9=              |                        | OR       | X\$18=              |                        |
| <b>AMENDMENT</b>                                   | Independent                               | *   | Minus                             | ***                          |  | -                                    | 4     | X42=                |                        | OR       | X84=                |                        |
| Ľ  | FIRST PRESE                               | NTATION OF M                              | ULTIPLE DEI                       | PENDEN                       | T CLAIM                                      | <u> </u>                             | ]     | +140=               | i                      | OR       | +280=               |                        |
|  |   |   |                                   |                              |  |                                      | l     | TOTAL<br>ADDIT. FEE |                        | OR       | TOTAL<br>ADDIT. FEE |                        |
|  |   | (Column 1)                                |                                   | (Colu                        | mn 2)  | (Column 3)                           |       |                     |                        | -        |                     |                        |
| AMENDMENT C  |   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                                   | NUM<br>PREVI                 | HEST<br>IBER<br>OUSLY<br>FOR                 | PRESENT<br>EXTRA                     |       | RATE                | ADDI-<br>TIONAL<br>FEE |          | RATE                | ADDI-<br>TIONAL<br>FEE |
| NDN  | Total                                     | *   | Minus                             | **                           |  | =                                    |       | X\$ 9=              |                        | OR       | X\$18=              |                        |
| ME   | Independent                               | *   | Minus                             | ***                          |  | =-                                   |       | X42=                |                        | OR       | X84=                |                        |
|  | FIRST PRESE                               | NTATION OF M                              | ULTIPLE DE                        | PENDEN                       | T CLAIM                                      |                                      | ┛     |                     |                        |          | +280=               |                        |
|  | If the entry in colu                      | ımn 1 is less than t                      | he entry in col                   | ımn 2, writ                  | e "0" in co                                  | lumn 3.                              |       | +140=<br>TOTAL      |                        | OR       | +28U=<br>TOTAL      | -                      |
| **   | If the "Highest Nu<br>"If the "Highest Nu | mber Previously P<br>Imber Previously F   | aid For" IN TH<br>Paid For" IN TH | IS SPACE<br>IS SPACE         | is less that is less that                    | an 20, enter "20<br>an 3, enter "3." | •     | ADDIT. FEE          |                        | OR       | ADDIT. FEE          |                        |
|  | The "Highest Nur                          | nber Previously Pa                        | aid For" (Total o                 | r Independ                   | dent) is the                                 | e hiahest numb                       | er fo | und in the ap       | propriate bo           | x in co  | iumn 1.             |                        |

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## PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1996

| CLAIMS AS FILED - PART I (Column 1) (Column 2) |  |   |                                    |  |                                  |                  | SMALL ENTITY           |        |                     | R THAN<br>ENTITY       |  |  |  |
|--|--|---|------------------------------------|--|----------------------------------|------------------|------------------------|--------|---------------------|------------------------|--|--|--|
| FOR  |  | <u>`</u>                                  | ER FILED                           | NUMBER   |                                  | RATE             | FEE                    | OR     | RATE                | FEE                    |  |  |  |
| BAS  | C FEE  |   |                                    |  |                                  |                  | 385.00                 | OR     |                     | 770.00                 |  |  |  |
| TOTAL CLAIMS   * minus 20 = *                  |  |   |                                    |  | x\$11=                           |                  | OR                     | x\$22= |                     |                        |  |  |  |
| INDEPENDENT CLAIMS                             |  |   |                                    |  |                                  | x40=             |                        | OR     | x80=                |                        |  |  |  |
| MULTIPLE DEPENDENT CLAIM PRESENT               |  |   |                                    |  |                                  |                  |                        | OR     | +260=               |                        |  |  |  |
| * If ti  | ne difference in co                            | olumn 1 is less than                      | zero, enter "0" i                  | TOTAL  |                                  | OR               | TOTAL                  | 770    |                     |                        |  |  |  |
|  |  | CLAIMS AS                                 | <b>AMENDED</b>                     |  | -                                | OR               | +                      | -      |                     |                        |  |  |  |
|  | **************************************         | SMALI                                     | LL ENTITY OR SMALL ENTIT           |  |                                  |                  |                        |        |                     |                        |  |  |  |
| AMENDMENT A                                    |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                                    | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR  | PRESENT<br>EXTRA                 | RATE             | ADDI-<br>TIONAL<br>FEE |        | RATE                | ADDI-<br>TIONAL<br>FEE |  |  |  |
| MQN  | Total  | * <i>/0</i>                               | Minus                              | " LO   | = /                              | x\$11=           |                        | OR     | x\$22=              |                        |  |  |  |
| ME   | Independent                                    | * 2                                       | Minus                              | ··· 3  | =                                | x40=             |                        | OR     | x80=                |                        |  |  |  |
| ٧  | FIRST PRES                                     | SENTATION OF                              | MULTIPLE                           | DEPENDENT CL   | AIM <sup>'</sup>                 | +130=            |                        | OR     | +260=               |                        |  |  |  |
|  | (Column 1) (Column 2) (Column 3)               |   |                                    |  |                                  |                  |                        | OR     | R ADDIT. FEE        |                        |  |  |  |
| ENDMENT B                                      |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                                    | HIGHEST<br>NUMBER<br>PREVIOUSLY<br>PAID FOR  | PRESENT<br>EXTRA                 | RATE             | ADDI-<br>TIONAL<br>FEE |        | RATE                | ADDI-<br>TIONAL<br>FEE |  |  |  |
| MQI  | Total  | *   | Minus                              | **   | =                                | x\$11=           |                        | OR     | x\$22=              |                        |  |  |  |
| AMEN   | Independent                                    | *   | Minus                              | ***  | =                                | x40=             |                        | OR     | x80=                |                        |  |  |  |
| A  | FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM |   |                                    |  |                                  |                  |                        | OR     | +260=               |                        |  |  |  |
|  |  | (Column 1)                                |                                    | TOTAL<br>ADDIT. FEE  |                                  | OR               | TOTAL<br>ADDIT. FEE    |        |                     |                        |  |  |  |
| ENT  |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                                    | (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR  | (Column 3) PRESENT EXTRA         | RATE             | ADDI-<br>TIONAL<br>FEE | 1      | RATE                | ADDI-<br>TIONAL<br>FEE |  |  |  |
| MON  | Total  | · 10                                      | Minus                              | -20  | =                                | x\$11=           |                        | OR     | x\$22=              |                        |  |  |  |
| <b>AMENDMENT</b>                               | Independent                                    | . 2                                       | Minus                              | M  | =                                | x40=             |                        | OR     | x80=                |                        |  |  |  |
| ٨  | FIRST PRES                                     | SENTATION OF                              | +130=                              |  | OR                               | +260=            |                        |        |                     |                        |  |  |  |
| *** If   | the "Highest Nur<br>the "Highest Nur           | nber Previously Pa<br>nber Previously Pa  | id For" IN THIS<br>id For" IN THIS | mn 2, write "0" in colo<br>S SPACE is less than<br>S SPACE is less than<br>Independent) is the l | 20, enter "20."<br>3. enter "3." | TOTAL ADDIT. FEE |                        |        | TOTAL<br>ADDIT. FEE |                        |  |  |  |